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DM-10/2003

ATTORNEY DOCKET NO: KCX-741 (19044)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------|-------------------------------------|---|-----------------|---------|
| In re Application of: | Xuedong Song |) | Group Art Unit: | 2856 |
| | |) | | |
| Serial No: | 10/718,989 |) | Examiner: | Unknown |
| | |) | | |
| Filed: | November 21, 2003 |) | Our Account No: | 04-1403 |
| | |) | | |
| Confirmation No: | 9109 |) | Customer No: | 22827 |
| | |) | | |
| Title: | Membrane-Based Lateral Flow Assay |) | | |
| | Devices That Utilize Phosphorescent |) | | |
| | Detection |) | | |

Commissioner for Patents
U.S. Patent and Trademark Office
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Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[x] Attached hereto is:

- a.[x] A list of materials for consideration per Rule 98(a)(1): 2 page(s)
- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):
9 item(s)
- c. [] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____

[] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[x] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[x] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
 - b. [] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
 - i. [] Certification per Rule 97(e); OR
 - ii[] Filing Fee per Rule 17(p)\$180.00
 - c. [] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
 - i. Certification per Rule 97(e); AND
 - ii. Filing fee per Rule 17(p)\$180.00
3. [] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:
- a.[] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
 - b.[] That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: _____
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- 4.[x] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

- 5.[x] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed pursuant to [CHECK AND COMPLETE ONE]:

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By: Christina L. Mangelsen, Patent Agent

Reg. No. 50,244

Signature: Christina L. Mangelsen

Date: December 14, 2004



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| (Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | | Attorney Docket Number: KCX-741 (19044) | Serial Number: 10/718,989 |
| | | Applicant: Xuedong Song | |
| | | Filing Date: November 21, 2003 | Group Art Unit: 2856 |
| | | Confirmation No: 9109 | |

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98©
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:
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 Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
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| U.S. PATENT DOCUMENTS | | | | | | | | | | | | |
|-----------------------|--|------------------|--|---------------|---|---|---|---|---|------------|------------|---|
| EXAMINER INITIALS | | PATENTEE NAME | | PATENT NUMBER | | | | | | ISSUE DATE | COPY NOTE | |
| | | Lihme, et al. | | 5 | 7 | 7 | 0 | 4 | 1 | 6 | 06/23/1998 | 5 |
| | | Henkens, et al. | | 6 | 3 | 9 | 1 | 5 | 5 | 8 | 05/21/2002 | 5 |
| | | Zhang | | 6 | 6 | 7 | 0 | 1 | 1 | 5 | 12/30/2003 | 5 |
| | | Wong, et al. | | 6 | 7 | 8 | 7 | 3 | 6 | 8 | 09/07/2004 | 5 |
| | | Jacobson, et al. | | 6 | 8 | 1 | 5 | 2 | 1 | 8 | 11/09/2004 | 5 |
| | | | | | | | | | | | | |

| U.S. PATENT APPLICATION PUBLICATIONS | | | | | | | | | | | | |
|--------------------------------------|--|------------------|------|--------------------|---|---|---|---|---|------------------|------------|---|
| EXAMINER INITIALS | | APPLICANT'S NAME | | PUBLICATION NUMBER | | | | | | PUBLICATION DATE | COPY NOTE | |
| | | Huang, et al. | 2003 | 0 | 1 | 7 | 8 | 3 | 0 | 9 | 09/25/2003 | 5 |
| | | | | | | | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
|--------------------------|--|---------|-----------------|--|--|--|------------------|-------------|----|-----------|
| EXAMINER INITIALS | | COUNTRY | DOCUMENT NUMBER | | | | PUBLICATION DATE | TRANSLATION | | COPY NOTE |
| | | | | | | | | YES | NO | N/A |
| | | | | | | | | | | |

*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).



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| (Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a)(1) (Use several sheets if necessary) | | Attorney Docket Number: KCX-741 (19044) | Serial Number: 10/718,989 |
| | | Applicant: Xuedong Song | |
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| | | Confirmation No: 9109 | |

| EXAMINER INITIALS | OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication | COPY NOTE |
|--|---|------------|
| | Article – <i>New Use of Cyanosilane Coupling Agent for Direct Binding of Antibodies to Silica Supports. Physicochemical Characterization of Molecularly Bioengineered Layers</i> , Sandrine Falipou, Jean-Marc Chovelon, Claude Martelet, Jacqueline Margonari and Dominique Cathignol, Bioconjugate Chem., Vol. 10, No. 3, 1999, pp. 346-353 | |
| | PCT Search Report and Written Opinion for PCT/US2004/006412 | 09/28/2004 |
| | PCT Search Report and Written Opinion for PCT/US2004/006414 | 09/28/2004 |
| EXAMINER | DATE CONSIDERED | |
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